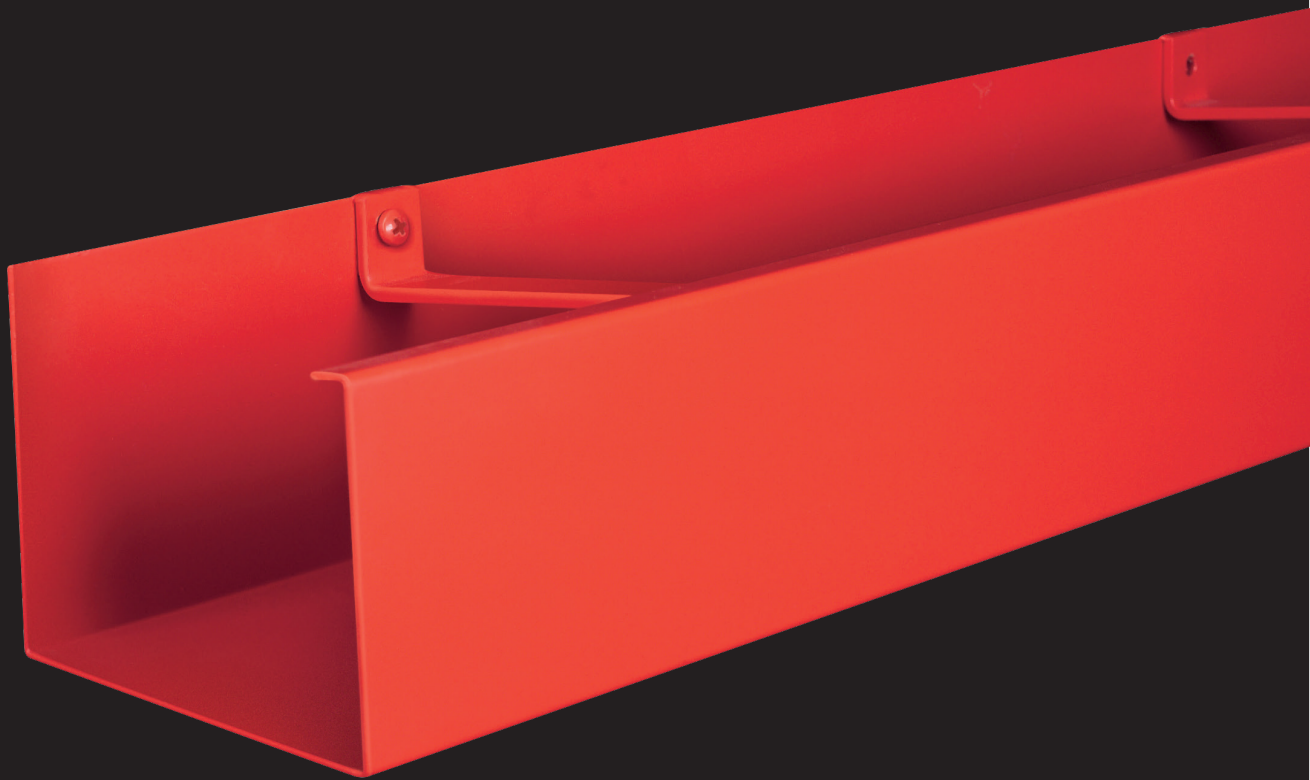


Box Gutter System

Small and Large Sizes

A wide range of standard sized pressed aluminium box gutters with fixed internal buttstraps and fixed internal cross braces, including holes for back fixing. Other sizes as required or with feature ribs etc, can be made to suit individual requirements.

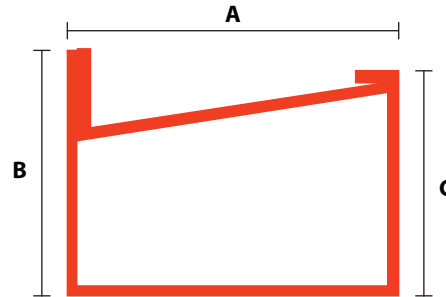
Wide Range of sizes available



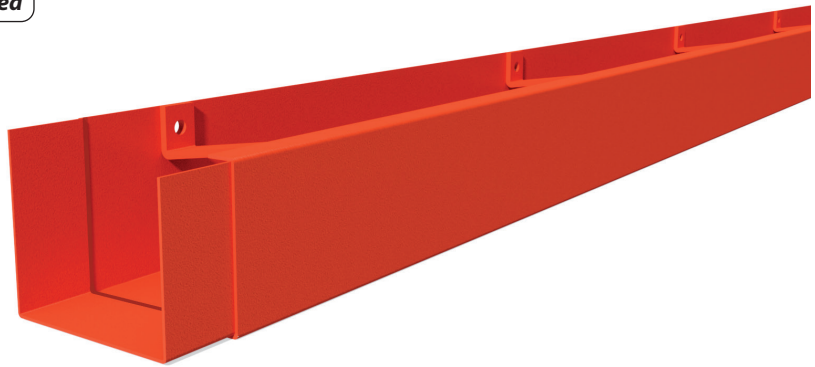
BOX GUTTERING SYSTEM

GUTTER LENGTHS

GUTTER (mm)	3m	1.5m	A (mm)	B (mm)	C (mm)	MATERIAL THICKNESS
100 x 75	BX1/1	BX1/2	100	85	75	2
100 x 100	BX2/1	BX2/2	100	110	100	2
125 x 100	BX3/1	BX3/2	125	110	100	2
150 x 100	BX4/1	BX4/2	150	110	100	2



Wider or deeper gutters manufactured to size required



OUTLETS

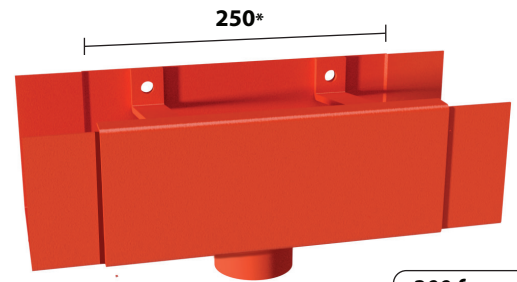
ROUND

GUTTER (mm)	63 Ø	75 Ø	100 Ø	125 Ø	150 Ø
100 x 75	BX1/13*	BX1/14*	-	-	-
100 x 100	BX2/13*	BX2/14*	-	-	-
125 x 100	BX3/13*	BX3/14*	BX3/15*	-	-
150 x 100	BX4/13*	BX4/14*	BX4/15*	BX4/16*	-

SQUARE AND RECTANGULAR

GUTTER (mm)	75 x 50	75 x 75	100 x 75	100 x 100	150 x 100	150 x 150
100 x 75	BX1/18*	BX1/19*	BX1/20*	-	-	-
100 x 100	BX2/18*	BX2/19*	BX2/20*	-	-	-
125 x 100	BX3/18*	BX3/19*	BX3/20*	BX3/21*	BX3/22*	-
150 x 100	BX4/18*	BX4/19*	BX4/20*	BX4/21*	BX4/22*	-

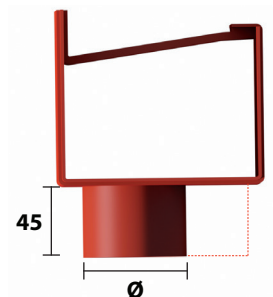
** Indicates a sleeve outlet can be used in place of running outlets giving increased flexibility and cost efficiency.*



** 300 for outlets over 100*



Sleeve Outlet

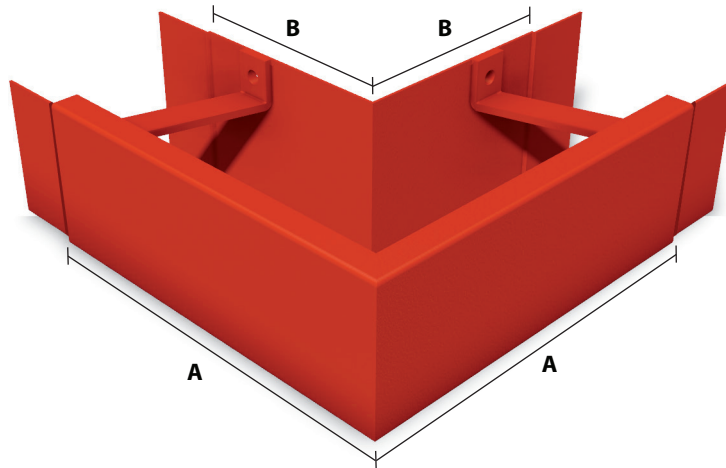


BOX GUTTERING SYSTEM

ANGLES

90° EXTERNAL				90° INTERNAL			135° EXTERNAL			135° INTERNAL		
GUTTER (mm)	90°	A (mm)	B (mm)	90°	A (mm)	B (mm)	135°	A (mm)	B (mm)	135°	A (mm)	B (mm)
100 x 75	BX1/3	250	150	BX1/4	150	250	BX1/5	190	150	BX1/6	190	190
100 x 100	BX2/3	250	150	BX2/4	150	250	BX2/5	190	150	BX2/6	190	190
125 x 100	BX3/3	275	150	BX3/4	150	275	BX3/5	200	150	BX3/6	200	200
150 x 100	BX4/3	300	150	BX4/4	150	300	BX4/5	210	150	BX4/6	210	210

IRREGULAR ANGLE		
GUTTER (mm)	EXTERNAL	INTERNAL
100 x 75	BX1/7	BX1/8
100 x 100	BX2/7	BX2/8
125 x 100	BX3/7	BX3/8
150 x 100	BX4/7	BX4/8



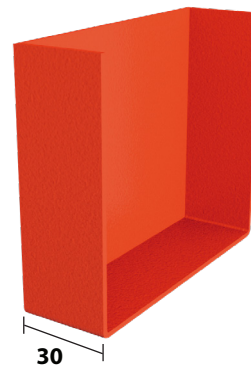
External Angle Shown

When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

STOPENDS

GUTTER (mm)	R/H STOPEND	L/H STOPEND
100 x 75	BX1/10	BX1/11
100 x 100	BX2/10	BX2/11
125 x 100	BX3/10	BX3/11
150 x 100	BX4/10	BX4/11

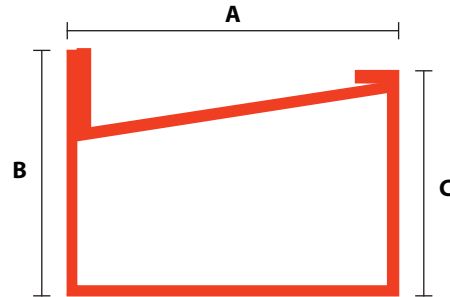
Internal Stop End



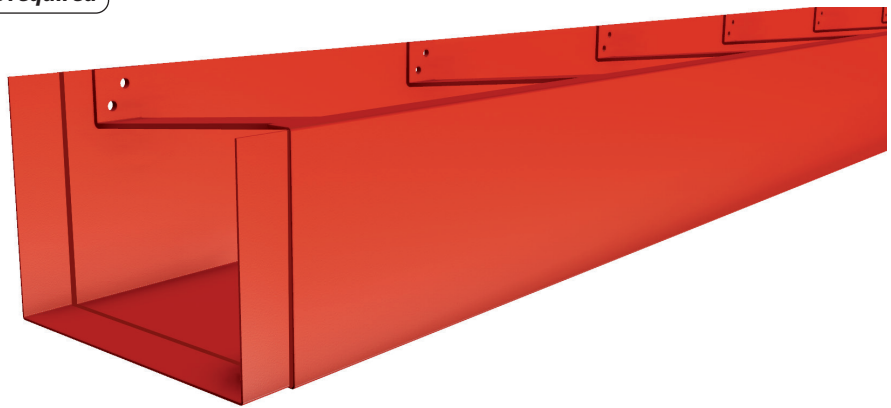
BOX GUTTERING SYSTEM (*larger sizes*)

GUTTER LENGTHS

GUTTER (mm)	3m	1.5m	A (mm)	B (mm)	C (mm)	MATERIAL THICKNESS
150 x 150	BX5/1	BX5/2	150	160	150	2
200 x 150	BX6/1	BX6/2	200	160	150	2
200 x 200	BX7/1	BX7/2	200	210	200	2
300 x 200	BX8/1	BX8/2	300	220	200	2



Wider or deeper gutters manufactured to size required

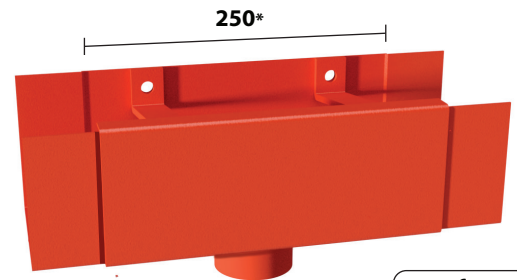


OUTLETS

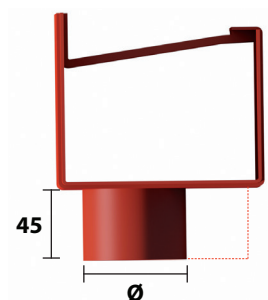
GUTTER (mm)	ROUND				
	63 Ø	75 Ø	100 Ø	125 Ø	150 Ø
150 x 150	BX5/13*	BX5/14*	BX5/15*	BX5/16*	-
200 x 150	BX6/13*	BX6/14*	BX6/15*	BX6/16*	BX6/17*
200 x 200	BX7/13*	BX7/14*	BX7/15*	BX7/16*	BX7/17*
300 x 200	BX8/13*	BX8/14*	BX8/15*	BX8/16*	BX8/17*

GUTTER (mm)	SQUARE AND RECTANGULAR					
	75 x 50	75 x 75	100 x 75	100 x 100	150 x 100	150 x 150
100 x 75	BX5/18*	BX5/19*	BX5/20*	BX5/21*	BX5/22*	-
100 x 100	BX6/18*	BX6/19*	BX6/20*	BX6/21*	BX6/22*	BX6/23*
125 x 100	BX7/18*	BX7/19*	BX7/20*	BX7/21*	BX7/22*	BX7/23*
150 x 100	BX8/18*	BX8/19*	BX8/20*	BX8/21*	BX8/22*	BX8/23*

** Indicates a sleeve outlet can be used in place of running outlets giving increased flexibility and cost efficiency.*



** 300 for outlets over 100*

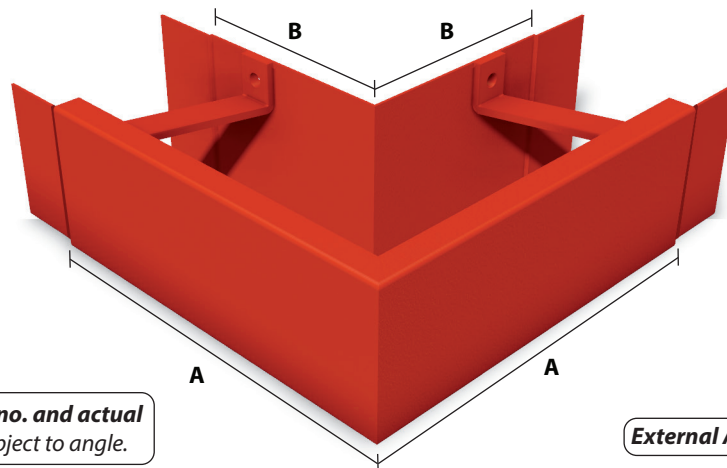


BOX GUTTERING SYSTEM *(larger sizes)*

ANGLES

90° EXTERNAL				90° INTERNAL			135° EXTERNAL			135° INTERNAL		
GUTTER (mm)	90°	A (mm)	B (mm)	90°	A (mm)	B (mm)	135°	A (mm)	B (mm)	135°	A (mm)	B (mm)
150 x 150	BX5/3	300	150	BX5/4	150	300	BX5/5	240	150	BX5/6	150	210
200 x 150	BX6/3	350	150	BX6/4	150	350	BX6/5	230	150	BX6/6	150	230
200 x 200	BX7/3	350	150	BX7/4	150	350	BX7/5	230	150	BX7/6	150	230
300 x 200	BX8/3	450	150	BX8/4	150	450	BX8/5	270	150	BX8/6	150	270

IRREGULAR ANGLE		
GUTTER (mm)	EXTERNAL	INTERNAL
150 x 150	BX5/7	BX5/8
200 x 150	BX6/7	BX6/8
200 x 200	BX7/7	BX7/8
300 x 200	BX8/7	BX8/8



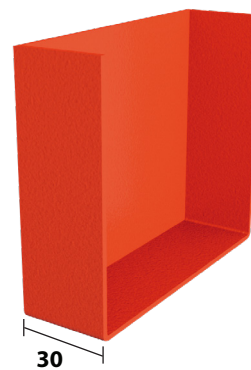
When ordering an irregular angle, state ref no. and actual fascia angle & note that A+B lengths vary subject to angle.

External Angle Shown

STOPENDS

GUTTER (mm)	R/H STOPEND	L/H STOPEND
150 x 150	BX5/10	BX5/11
200 x 150	BX6/10	BX6/11
200 x 200	BX7/10	BX7/11
300 x 200	BX8/10	BX8/11

Internal Stop End



GUTTER BRACKETS

RAFTER & MORTAR BRACKETS

When it is not possible to fix guttering directly to the fascia, we can offer these alternative brackets.

HALF ROUND GUTTER BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100	HR1/29	HR1/30	HR1/31
115	HR2/29	HR2/30	HR2/31
130	HR3/29	HR3/30	HR3/31
150	HR4/29	HR4/30	HR4/31

BEADED DEEP FLOW GUTTER BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100	BDF1/29	BDF1/30	BDF1/31
125	BDF2/29	BDF2/30	BDF2/31
150	BDF3/29	BDF3/30	BDF3/31

MOULDED OGEE GUTTER (SMALL) BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100 x 75	MOG1/29	MOG1/30	MOG1/31
125 x 100	MOG2/29	MOG2/30	MOG2/31
150 x 100	MOG3/29	MOG3/30	MOG3/31

MOULDED OGEE GUTTER (LARGE) SIZES

We recommend that gutters of this size should be directly fixed & not bracketed.

VICTORIAN OGEE GUTTER BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
110	VOG1/29	VOG1/30	VOG1/31
120	VOG2/29	VOG2/30	VOG2/31
130	VOG3/29	VOG3/30	VOG3/31
160	VOG4/29	VOG4/30	VOG4/31

BOX GUTTER (SMALL) BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100 x 75	BX1/29	BX1/30	BX1/31
100 x 100	BX2/29	BX2/30	BX2/31
125 x 100	BX3/29	BX3/30	BX3/31
150 x 100	BX4/29	BX4/30	BX4/31

BOX GUTTER (LARGE) SIZES

We recommend that gutters of this size should be directly fixed & not bracketed.

SHAPED BOX GUTTER BRACKETS

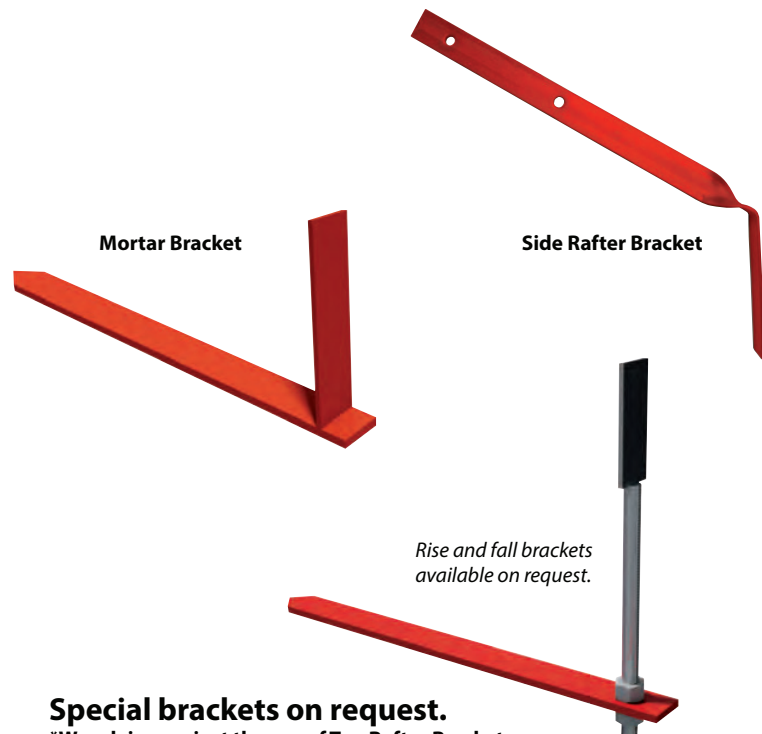
GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100 x 75	SBX1/29	SBX1/30	SBX1/31
100 x 100	SBX2/29	SBX2/30	SBX2/31
125 x 100	SBX3/29	SBX3/30	SBX3/31
150 x 100	SBX4/29	SBX4/30	SBX4/31

RAKED BOX GUTTER BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
100 x 75	RBX1/29	RBX1/30	RBX1/31
100 x 100	RBX2/29	RBX2/30	RBX2/31
125 x 100	RBX3/29	RBX3/30	RBX3/31
150 x 100	RBX4/29	RBX4/30	RBX4/31

BULLNOSE GUTTER BRACKETS

GUTTER (mm)	SIDE RAFTER	TOP RAFTER*	MORTAR BRACKET
150 x 100	BNG1/29	BNG1/30	BNG1/31



Special brackets on request.

*We advise against the use of Top Rafter Brackets.